Contents

Angelmaier, D., s. Hill, F. F. 143
Ashcroft, E., s. Elseviers, D., et al. 349
Auerbach, C., Ramsay, D.: Analysis of a Case of Mutagen Specificity in *Neurospora crassa*. IV. Interactions between UV and Three Chemical Mutagens 1
Bagdasarian, M., Zdzienicka, M., Bagdasarian, M.: Temperature Sensitive Initiation of DNA Synthesis in a Mutant of *Salmonella typhimurium* 129
Bagdasarian, M., s. Bagdasarian, M., et al. 129
Barbour, S. D.: Biochemical and Genetic Studies of Recombination Proficiency in *Escherichia coli* K 12. IV. Analysis of Recombinants Formed by a Recombination Deficient (*recB21 recC22*) Strain 303
Baumberg, S., s. Elseviers, D. et al. 349
Bazill, G. W., Karamata, D.: Temperature-Sensitive Mutants of *B. subtilis* Defective in Deoxyribonucleotide Synthesis. 19
Bertrand, H., Pittenger, T. H.: Complementation among Cytoplasmic Mutants of *Neurospora crassa* 82
Bosch, F. X., Jockusch, H.: Temperature-sensitive Mutants of TMV: Behavior of a Non-Coat Protein Mutant in Isolated Tobacco Cells (Erratum) 366
Brachet, P., s. Castellazzi, M., et al. 211
Brendel, M., Haynes, R. H.: Kinetics and Genetic Control of the Incorporation of Thymidine Monophosphate in Yeast DNA 39
Buselmaier, W., s. Propping, P., et al. 197
Castellazzi, M., Brachet, P., Eisen, H.: Isolation and Characterization of Deletions in Bacteriophage λ Residing as Prophage in *E. Coli* K12 211
Chapman, L. F.: Regulation of Acetohydroxyacid Synthetase in *Bacillus subtilis* . . . 14
Cohen, A., s. Portier, M.-M., et al. 72
Cunin, R., s. Elseviers, D., et al. 349
Dubnau, E., Margolin, P.: Suppression of Promoter Mutations by the Pleiotropic *supX* Mutations 91
Eisen, H., s. Castellazzi, M., et al. 211
Elseviers, D., Cunin, R., Glansdorff, N., Baumberg, S., Ashcroft, E.: Control Regions within the *argECBH* Gene Cluster of *Escherichia coli* K12 349
Fabre, F.: Relation between Repair Mechanisms and Induced Mitotic Recombination after UV Irradiation, in the Yeast *Schizosaccharomyces pompe* 153
Fiers, W. s. Vandamme, E., et al. 219
Glansdorff, N., s. Elseviers, D., et al. 349
Goldberg, S., Øyen, T., Idriss, J. M., Halvorson, H. O.: Use of Disomic Strains to Study the Arrangement of Ribosomal Cistrons in *Saccharomyces cerevisiae* (Erratum) . . . 90
Gros, F., s. Portier, M. M., et al. 72
Halvorson, H. O., s. Goldberg, S., et al. 90
Hanly, E. W., Stewart, D. J.: Separation and Characterization of Some Ribonucleic Acids from Imaginal Discs of *Drosophila melanogaster* 281
Haynes, R. H., s. Brendel, M. 39
Hill, F. F., Angelmaier, D.: Specific Enrichment of Mutants of *Escherichia coli* with an Altered Acyl CoA Synthetase by Tritium Suicide 143
Hobom, G., s. Hobom, B. 229
Hobom, B., Hobom, G.: DNA-Replication of *spi*-Mutants of Bacteriophage λ in Recombination-Deficient Bacteria 229
Idriss, J. M., s. Goldberg, S., et al. 90
Imada, S., Tsugita, A.: Morphogenesis of the Tail Fiber of Bacteriophage T_4. IV. Isolation and Characterization of a Component (the Genes 36–37–38 Directing Component) . 319

Jacoby, G. A.: Control of the *argECBH* Cluster in *Escherichia coli* 337
Jockusch, H., s. Bosch, F. X. 366
Karamata, D., s. Bazill, G. W. 19
Karassevitch, Y., Robichon-Szulmajster, H. de: Reversible Dissociation of Threonine Deaminase in an *ilv1* Mutant of *Saccharomyces cerevisiae* 113
Knowles, J. K. C., Tait, A.: A New Method for Studying the Genetic Control of Specific Mitochondrial Proteins in *Paramecium aurelia* 53
Marcaud, L., s. Portier, M.-M., et al. 72
Margolin, P., s. Dubnau, E. 91
Matsubara, M., Takata, R., Osawa, S.: Chromosomal Loci for 16 S Ribosomal RNA in *Escherichia coli* 311
Matvienko, N. I.: Heterozygotes of Three-Factor Crosses of Bacteriophage *T 4* 45
Mennigmann, H.-D.: Pyrimidine Dimers as Pre-Mutational Lesions in *Escherichia coli* WP2 Hcr 167
Montagu, M. van, s. Vandamme, E., et al. 219
Mori, S., Nakai, S.: Induktion and Repair of Gene Conversion in UV-Sensitive Mutants of Yeast 187
Nakai, S., s. Mori, S. 187
Øyen, T., s. Goldberg, S., et al. 90
Osawa, S., s. Matsubara, M., et al. 311
Ouwehand, J., Wijk, R. van: Regulation of Maltase and α-Methylglucosidase Synthesis in Genetically Defined Strains of *Saccharomyces carlsbergensis* 30
Pittenger, T. H., s. Bertrand, H. 82
Portier, M.-M., Marcaud, L., Cohen, A., Gros, F.: Mechanism of Transcription in the N Operon of Bacteriophage Lambda 72
Propping, P., Röhrborn, G., Buselmaier, W.: Comparative Investigations on the Chemical Induction of Point Mutations and Dominant Lethal Mutations in Mice 197
Ramsay, D., s. Auerbach, C. 1
Remaut, E., s. Vandamme, E., et al. 219
Robichon-Szulmajster, H. de, s. Karassevitch, Y. 113
Röhrborn, G., s. Propping, P., et al. 197
Rosenwirth, B.: A New Class of Mutants with an Elevated Basal Level of the Galactose Enzymes in *E. coli* 255
Schenberg-Frascino, A.: Lethal and Mutagenic Effects of Elevated Temperature on Haploid Yeast. II. Recovery from Thermolesions 239
Spatz, H. Ch.: A Determination of the Efficiency of Uptake of SP 50 DNA by Competent Cells of *B. subtilis* 125
Stewart, D. J., s. Hanly, E. W. 281
Swart-Idenburg, Ch. J. H., s. Vries, F. A. J. de, et al. 60
Tait, A., s. Knowles, J. K. C. 53
Takata, R., s. Matsubara, M., et al. 311
Touré, B.: Double Reversal of Gene Conversion Polarity and Multiple Conversion Events in the Locus "14" in *Podospora anserina* 267
Tsugita, A., s. Imada, S. 319
Vandamme, E., Remaut, E., Montagu, van, M., Fiers, W.: Studies on the Bacteriophage MS2. XVII. Suppressor-Sensitive Mutants of the A Protein Cistron 219
Vries, F. A. J. de, Swart-Idenburg, Ch. J. H., Waard, A. de: An Analysis of Replication Errors Made by a Defective T4 DNA Polymerase 60
Waard, A. de, s. Vries, F. A. J. de, et al. 60
Wijk, R. van, s. Ouwehand, J. 30
Zdzienicka, M., s. Bagdasarian, M., et al. 129

Indexed in Current Contents